

## Growing the Single Colonies from Agar Plates

### Requirements:

- LB agar plate containing transformed bacterial colonies incubated overnight
- LB broth
- Antibiotics
- 50mL centrifuge tubes
- Shaking incubator of 37°C

### Protocol:

1. Add 10mL LB broth into a centrifuge tube, then add the appropriate antibiotic needed.
2. Select the single colony using the pipette tip from the agar plate, which contains the bacterial cells. Then put the pipette tip into the tube from Step 1.
3. Incubate overnight at 37°C (about 12 hours, no more than 16 hours).